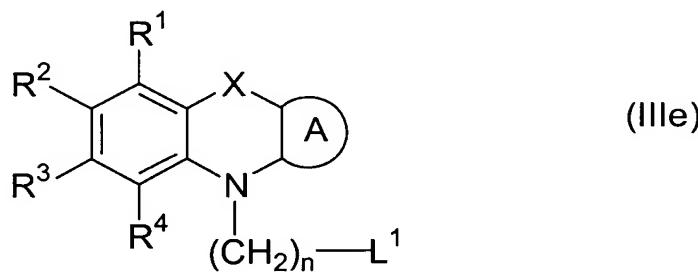


A B S T R A C T

A compound of formula (IIIe)

A2



its derivatives, its analogues, its tautomeric forms, its stereoisomers, its polymorphs, its pharmaceutically acceptable salts or its pharmaceutically acceptable solvates, wherein R¹, R², R³, and R⁴ are the same or different and represent hydrogen, halogen, hydroxy, cyano, nitro formyl, or optionally substituted groups selected from alkyl, cycloalkyl, alkoxy, cycloalkoxy, aryl, aryloxy, aralkyl, aralkoxy, heterocyclyl, heteroaryl, heteroaralkyl, heteroaryloxy, heteroaralkoxy, acyl, acyloxy, hydroxyalkyl, amino, acylamino, arylamino, aralkylamino, aminoalkyl, alkoxycarbonyl, aryloxycarbonyl, aralkyloxycarbonyl, alkylamino, alkoxyalkyl, aryloxyalkyl, aralkoxyalkyl, alkylthio, thioalkyl, aralkoxycarbonylamino, alkoxycarbonyl-amino, aryloxycarbonylamino, carboxylic acid or its derivatives, or sulfonic acid or its derivatives; the ring A fused to the ring containing X and N represents a 5-6 membered carbocyclic structure which may optionally be substituted; the ring A may be saturated or contain one or more double bonds or may be aromatic; X represents a heteroatom selected from oxygen, sulfur or NR⁹ where R⁹ is hydrogen, alkyl, aryl, aralkyl, acyl, alkoxycarbonyl, aryloxycarbonyl, or aralkoxycarbonyl; n is an integer ranging from 1 to 4 and L¹ is a halogen atom or a leaving group.